

Product Datasheet

Kinesin 5B Antibody (KN-02) - BSA Free NB500-530

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NB500-530

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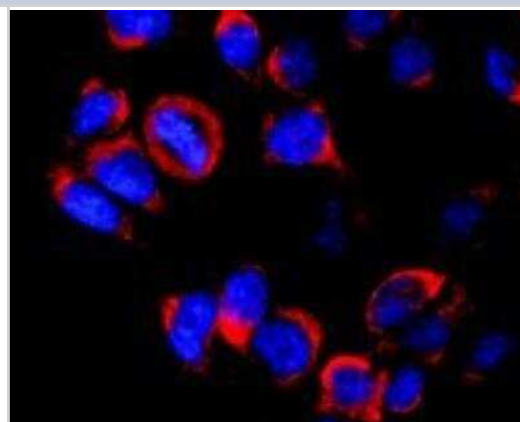
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	KN-02
Preservative	0.09% Sodium Azide
Isotype	IgM
Purity	Multi-step
Buffer	TBS (pH 8.0)

Product Description	
Host	Mouse
Gene ID	3799
Gene Symbol	KIF5B
Species	Human, Mouse, Rat, Porcine
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Specificity/Sensitivity	The antibody Kinesin 5B recognizes heavy chain of conventional kinesin associated with vesicles and with lower affinity with denaturated molecule. Epitope is located in coiled-coil stalk domain. It stains Western blots of kinesin-enriched preparations. Epitope mapping (by limited proteolysis of partially purified porcine kinesin) followed by immunoblotting has revealed that antibodies KN-01, KN-02 and KN-03 react with different sets of fragments. The antibody KN-02 does not react with kinesin bound to taxol-stabilized microtubules.
Immunogen	Enriched fraction of porcine brain kinesin.

Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Immunocytochemistry/ Immunofluorescence 1:10-1:2000

Images

Immunocytochemistry/Immunofluorescence: Kinesin 5B Antibody (KN-02) [NB500-530] - Staining of vesicles (red) in RBL-2H3 rat basophilic leukemia cell line using anti-Kinesin (KN-02). Nuclei were stained with DAPI (blue).





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Products Related to NB500-530

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-62224	Mouse IgM Isotype Control (PFR-03)
NBP2-58450PEP	Kinesin 5B Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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